

STATEMENT OF QUALIFICATIONS

Name of Lab: Scientific Crime Detection Laboratory
5500 E. Tudor Road
Anchorage, AK 99507

Date: May 15, 2009

Name: Brandi M. Barnett

Job Title: Forensic Scientist III

Discipline: (Indicate all areas in which you do casework.)

Controlled Substances
Blood Alcohol

Education: (List all higher academic institutions attended.)

<u>Institution</u>	<u>Dates Attended</u>	<u>Major</u>	<u>Degree Completed</u>
Colorado College	1997-2001	Biochemistry	B.A.
University of Alaska	2002-2004	Biochemistry	2 years graduate study
University of Florida	2006-2007	Forensic Toxicology	Graduate Certificate

Employment History: (List all scientific or technical positions held, particularly those related to forensic sciences. List current position first. Give a brief summary of principal duties and tenure in each position.)

- (1) Job Title: Forensic Scientist III
Employer: State of Alaska Scientific Crime Detection Laboratory
Principal Duties: Analysis of evidence for controlled substances, quantitation of blood alcohol levels, courtroom testimony.
Tenure: 9/01/07-present
- (2) Job Title: Criminalist II
Employer: State of Alaska Scientific Crime Detection Laboratory
Principal Duties: Analysis of evidence for controlled substances, quantitation of blood alcohol levels, courtroom testimony.
Tenure: 9/16/05- present
- (3) Job Title: Criminalist I
Employer: State of Alaska Scientific Crime Detection Laboratory
Anchorage, Alaska
Principal Duties: Analysis of evidence for controlled substances, quantitation of blood alcohol levels, courtroom testimony.
Tenure: 11/04-9/16/05
- (4) Job Title: Microbiologist
Employer: Analytica Alaska Environmental Laboratory
Anchorage, Alaska
Principal Duties: Analysis of soil and water samples for bacterial contamination.
Tenure: 06/04-11/04

- (5) Job Title: Teaching Assistant
Employer: University of Alaska Fairbanks
Fairbanks, Alaska
Principal Duties: Preparing for and teaching a general chemistry laboratory.
Tenure: 08/02-05/04
- (6) Job Title: Teaching Assistant
Employer: Colorado College
Colorado Springs, Colorado
Principal Duties: Assisting bioanalytical chemistry students with the operation of the HPLC.
Tenure: One Semester Course, 2001

Courtroom Experience: (List the discipline(s) in which you have qualified to testify as an expert witness and indicate over what period of time and approximately how many times you have testified in each.)

Controlled Substances- June 2005-Present; testified 20 times

Blood Alcohol- January 2006-Present; testified 25 times

Professional Affiliations: (List any professional organizations of which you are or have been a member. Indicate any offices or other positions held and the date(s) of these activities.)

10/09-present: Clandestine Laboratory Investigating Chemists (CLIC) Member

Other Training: (List continuing education, workshops, in-service and other formal training received.)

- 1/13/05 DNA Evidence in Criminal Casework (Cheryl Duda), Alaska Scientific Crime Detection Laboratory Anchorage, Alaska (4 hours)
- 1/24/05 Crime Scene Processing (Bill Gifford, Lesley Hammer, Harry Strahle), Alaska Scientific Crime Detection Laboratory Anchorage, Alaska (40 hours)
- 2/10/05 Snow Impressions (James Wolfe), Alaska Scientific Crime Detection Laboratory Anchorage, Alaska (40 hours)
- 9/19-23/05 Clandestine Laboratory Analysis and Synthesis (Jerry Massetti), California Criminalistics Institute Sacramento, California (40 hours)
- 5/21-26/06 Robert F. Borkenstein Course on Alcohol and Highway Safety (Multiple Instructors), Indiana University Bloomington, Indiana (40 hours)
- 5/31-6/1/06 Orasure Technologies Training (Chris Ciotti), Alaska Scientific Crime Detection Laboratory Anchorage, Alaska (16 hours)
- 4/16-4/20/07 The Effects of Drugs on Human Performance and Behavior (Multiple Instructors) Indiana University Bloomington, Indiana (40 hours).
- 4/21-4/25/08 Breath Alcohol Supervisor Certification Course (Jeanne Swartz), Alaska Scientific Crime Detection Laboratory Anchorage, Alaska (40 hours)
- 7/29-7/30/08 Expert Witness Testimony Techniques (Ron Smith), Alaska Scientific Crime Detection Laboratory Anchorage, Alaska (16 hours)
- 8/04-8/07/08 Infrared Analysis of Controlled Substances (Brian Smith), Alaska Scientific Crime Detection Laboratory Anchorage, Alaska (32 hours)

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- 4/21-4/25/08 Breath Alcohol Supervisors Certification School (Jeanne Swartz, Colleen O'Bryant), Alaska Scientific Crime Detection Laboratory Anchorage, Alaska (40 hours)
- 4/29-5/1/09 ASCLD/LAB International Breath Alcohol Calibration Preparation Course (Laurel Farrell, Michael Hurley), Anchorage, Alaska (20 hours).

Meetings Attended:

- 10/15-10/19/07 Society of Forensic Toxicologists Annual Meeting (Multiple Lectures) Raleigh, North Carolina.
- 5/4-5/7/09 International Association of Chemical Testing (Multiple Lectures) Anchorage, Alaska.

Courses Taught:

- 4/2-4/3/09 Breath Alcohol Supervisors Recertification School
- 4/6-4/10/09 Breath Alcohol Supervisors Certification School

Other Qualifications: (List below any scientific publication and/or presentation you have authored or co-authored, research in which you are or have been involved, academic or other teaching positions you have held, and any other information which you consider relevant to your qualification as a forensic scientist.)

RESEARCH:

Cloning and sequencing of the 16S rRNA gene and internally transcribed spacer region in *Pseudomonas fluorescence* bacteria, Colorado College, 2001.

Examining the role of seasonal variation on thyroid hormone levels in racing sled dogs, University of Alaska Fairbanks, 2002-2004.